UTILITY PATENT APPLICATION TRANSMITTAL (Only for new nonprovisional applications under 37 CFR 1.53(b))	Attorney Docket No.: 21108.0040U1
	First Inventor: Stephanos Kyrkanides
	Title: **VECTORS HAVING BOTH ISOFORMS OF BETA-HEXOSAMINIDASE AND USES OF THE SAME**
	Express Mail Label No.: EL992018733US

APPLICATION ELEMENTS See MPEP chapter 600 concerning utility application contents	ADDRESS TO:	Mail Stop PATENT APPLICATION Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

1. ☒ **Specification** [Total Pages 197]
(Includes description, claims, and abstract)

2. ☒ **Drawings** [Total Sheets 36]

3. ☐ **Oath or Declaration** [Total Pages]

   a. ☐ Newly executed (original or copy)

   b. ☐ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 20B completed)

4. ☐ **Application Data Sheet.** See 37 CFR 1.76
[Total Pages ____]

5. ☒ **Nucleotide and/or Amino Acid Sequence Submission** (if applicable, all necessary)

   a. ☒ Computer Readable Form (CRF)
     --OR--
   ☐ Statement under 37 CFR 1.821(e) (see Box 21 for statement)

   b. ☒ Specification Sequence Listing on:
     i. ☐ CD-ROM or CD-R (2 copies); or
     ii. ☒ paper [Total Pages 44]

   c. ☒ The contents of the computer readable form of the sequence listing and the sequence listing in the specification of the application are the same.

6. ☐ **CD-ROM or CD-R** in duplicate, large tables or Computer Program (Appendix)

ACCOMPANYING APPLICATION PARTS:

7. ☐ Copy of Assignment

8. ☐ 37 CFR 3.73(b) Statement (when there is an assignee)

9. ☐ Power of Attorney

10. ☐ English Translation Document (if applicable)

11. ☐ Information Disclosure Statement/PTO-1449

   ☐ Copies of IDS Citations [Total Citations ____]

12. ☐ Preliminary Amendment

13. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)

14. ☐ Nonpublication Request under 35 USC 122(b)(2)(B)(i) (Must attach form PTO/SB/35 or equivalent).

15. ☒ Authorization to Treat Reply Requiring Extension of Time as Incorporating Petition for Extension of Time

16. ☒ Return Receipt Postcard (MPEP 503)

17. ☐ Other: _____

18. The **FILING FEE** is calculated as follows: (Claims as filed, less any claims cancelled by Amendment)

Claims	Number Filed	Number Extra	Rate	$770.00 (Basic Fee)
Total claims	[132] – 20 =	112	X $18.00	$2016.00
Independent claims	[10] – 3 =	7	X $84.00	$ 588.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ 280.00	$
TOTAL OF ABOVE CALCULATIONS =				$3374.00
☒ Applicant claims small entity status. See 37 CFR 1.27. Fees are reduced by ½.			–	$1687
TOTAL FILING FEE =				$1687

19. **Payment:**

   ☐ A check in the amount of $_____ is enclosed.

   ☒ Credit Card Payment Form PTO-2038 Authorizing Payment in the amount of $1687.00 is enclosed.

   ☒ The Commissioner is hereby authorized to charge any additional amount due or credit any overpayment to Deposit Account No. 14-0629.

20A.	☐	This application is an original application (not a continuation, divisional or continuation-in-part).
20B.	☒	This application is a ☒ continuation-in-part / ☐ continuation / ☐ divisional of prior Application No. PCT/US03/13672 which claims priority to provisional application No. 60/377,503 The prior application was assigned to Examiner: _____
	☐	This application is a continuation or divisional application (not a continuation-in-part) that: (i) names as inventors the same or fewer than all the inventors named in the prior application; and (ii) contains no matter that would have been new matter in the prior application; and (iii) a copy of the executed oath or declaration in the prior application, showing the signature or an indication thereon that it was signed: ☐ is enclosed. ☐ will follow.
	☐	This application is a continuation or divisional application (not a continuation-in-part) that is being filed by less than all the inventors named in the prior application. In accordance with 37 C.F.R. §1.63(d)(2), the Commissioner is requested to delete the name(s) of the following person who are not inventors of the invention being claimed in this application: _____
	☐	This application is a continuation-in-part, continuation or divisional application naming an inventor not named in the prior application. A newly executed oath or declaration: ☐ is enclosed. ☐ will follow.
21.	☐	A sequence listing in computer readable form in compliance with 37 C.F.R. §§ 1.821-1.825 was submitted on _____ in prior Application No. _____, filed _____. Pursuant to 37 C.F.R. § 1.821(e), applicant hereby requests that the computer readable form of the sequence listing submitted in the above-referenced prior application be used as the computer readable form of the sequence listing for the new application. The paper or compact disk copy of the Sequence Listing in the new application is identical to the computer readable copy filed in the prior application.
22.	☐	This application claims foreign priority benefits under 35 USC 119(a)-(d) or 365(b) of any foreign application(s) listed below, or under 35 USC 365(a) or 365(b) of any PCT application listed below.

23. Address all correspondence to the address associated with:	CUSTOMER NO. 23859

Name of Attorney/Agent: David E. Huizenga, Ph.D.	Registration No.: 49,026
Signature:	Date:

Certificate of Express Mailing Under 37 C.F.R. § 1.10

I hereby certify that this correspondence, including any items indicated as attached or included, is being deposited with the United States Postal Service as Express Mail, Label No. EL 99 201 8733 US, in an envelope addressed to: Mail Stop PATENT APPLICATION, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date indicated below.

Gibson Lanier

2/19/04
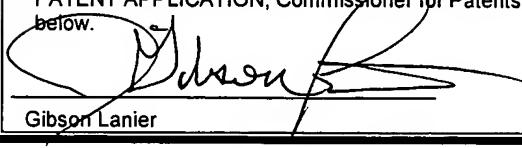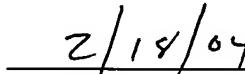
Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	)	
	)	
KYRKANIDES, Stephanos	)	Art Unit: Unassigned
	)	
Application No. Unassigned	)	Examiner: Unassigned
	)	
Filing Date: February 18, 2004	)	Confirmation No. Unassigned
	)	
For: VECTORS HAVING BOTH ISOFORMS	)	
OF BETA-HEXOSAMINIDASE AND	)	
USES OF THE SAME	)	

AUTHORIZATION TO TREAT REPLY REQUIRING EXTENSION OF TIME AS INCORPORATING PETITION FOR EXTENSION OF TIME

Mail Stop, PATENT APPLICATION
Commissioner for Patents   NEEDLE & ROSENBERG, P.C.
P.O. Box 1450   Customer Number 23859
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §1.136(a)(3), the Commissioner is hereby requested and authorized

to treat any concurrent or future reply in the above-identified application, requiring a petition for

an extension of time for its timely submission, as incorporating a petition for extension of time

for the appropriate length of time.

The Commissioner is hereby authorized to charge any additional amount which may be required, or credit any overpayment to Deposit Account No. 14-0629.

Respectfully submitted,

NEEDLE & ROSENBERG, P.C.
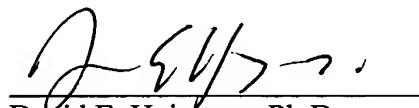
David E. Huizenga, Ph.D.
Registration No. 49,026

NEEDLE & ROSENBERG, P.C.
Customer Number 23859
(678) 420-9300
(678) 420-9301 (fax)

CERTIFICATE OF EXPRESS MAILING UNDER 37 C.F.R. § 1.10

I hereby certify that this correspondence, including any items indicated as attached or included, is being deposited with the United States Postal Service as Express Mail, Label No. EL 992018733 US, in an envelope addressed to: Mail Stop PATENT APPLICATION, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date indicated below.
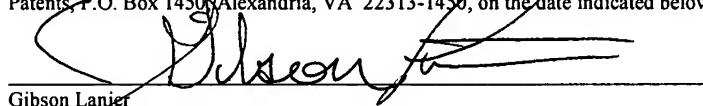
Gibson Lanier	Date 2/18/04